PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMNT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES ATTORNEY'S DOCKET NUMBER 421/99 PCT/US **DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/US05/04968 2/17/2005 2/17/2005 TITLE OF INVENTION Modulation of Epidermal Growth Factor Heterodimer Activity APPLICANT(S) FOR DO/EO/US UNIVERSITY OF NORTH CAROLINA, David Threadgill, Daekee Lee Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 2. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. X The US has been elected (Article 31). 5. X A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. c. X is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). is attached hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4). 7. X Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. d. X have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. 15. A power of attorney and/or change of address letter. 17. X A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by This collection of information is required by 37 CFR 1.414 and 1.491–1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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I hereby certify that this paper or fee is being deposited with the United States
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Stacie H. Boswell Staci H. Boswell

IAP20 Rec'a FCT/PTQ 30 JUN 2006

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U.S. APPLICAT	S. APPLICATION NO (itro) OVA See 87 CER 1.5) INTERNATIONAL APPLICATION NO. PCT/US05/04968			ATTORNEY'S DOCKET NUMBER 421/99 PCT/US				
20. Other it	ems or informa	ation: Sequence L	sting on Paper (108 pages)		* ·		· ·-	
The follow	ing food hove	been submitted			-	CALCULATIONS	PTO USE ONLY	
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21. X Basic national fee (37 CRF 1.492(a))								
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If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of the PCT PCT Article 33(1)-(4) \$0								
All other situations					\$ 200			
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Search fee (37 CFI	R 1.445(a)(2)) I							
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority								
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previou	sly communica	ited to the US by the	IB		\$400	\$ 100		
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The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						ł		
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CLAIMS		NUMBER FILED	NUMBER EXTRA	T	RATE	\$	<u> </u>	
Total claims		28 - 20 =	8	×	\$50	\$ 400	r	
Independent claims		3 - 3 =	0	×	\$200	\$ 0		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360					\$360	\$ 0		
TOTAL OF ABOVE CALCULATIONS =					LCULATIONS =	\$1,500		
X Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					\$ 750			
SUBTOTAL =					\$ 750			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ 0				
TOTAL NATIONAL FEE =					\$ 750			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an					\$ 0			
appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +								
TOTAL FEES ENCLOSED =						\$ 750		
						Amount to be refunded:	\$	
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed						
and granted to restore the International Application to pending status.	/4/1./1 10/ A 22 A 2001					
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